



ecology and environment, inc.

223 WEST JACKSON BLVD., CHICAGO, ILLINOIS 60606, TEL. 312-663-9415

International Specialists in the Environmental Sciences

DATE: May 13, 1981
TO: File
FROM: Rene Van Someren
SUBJECT: Will County / LPC / TDD# F5-8103-6A
Joliet / American Cyanimid

A file search of the Illinois EPA files conducted on April 22, 1981, disclosed the following:

- On February 5, 1981, the Illinois EPA conducted an ISS inspection of the site and sent copies of the inspection results to Bob Stone, USEPA.
- On April 6, 1981, Arnie Leder - USEPA Compliance Branch sent a letter to American Cyanimid indicating that the site was in compliance with RCRA requirements.

In light of the above and due to the fact that the State EPA Division of Land Pollution and Water Pollution offices continue to monitor the site, no further follow-up action is required at this time.

RVS/df

EPA Region 5 Records Ctr.



288885

IL000517850
EPA IDENTIFICATION NUMBER

RECEIVED

MAR 05 1981

E.P.A. — D.L.P.C.
STATE OF ILLINOIS

EPA INSPECTION REPORT - INTERIM STANDARDS
TREATMENT, STORAGE, AND DISPOSAL FACILITIES
Form 1 - General Facility Standards

RECEIVED

MAR 13 1981

WASTE MANAGEMENT BRANCH
EPA REGION V

I. General Information:

- (A) Facility Name: American Cyanamid Company
(B) Street: 1306 McKinley Ave.
(C) City: Joliet (D) State: ILL. (E) Zip Code: 60436
(F) Phone: 815/ 722-6671 (G) County: Will
(H) Operator: American Cyanamid Company
(I) Street: BERDAN Ave
(J) City: WAYNE (K) State: New Jersey (L) Zip Code: 07470
(M) Phone: 201/ 831-2000 (N) County: BURGAN
(O) Owner: American Cyanamid Company
(P) Street: Berdan Ave
(Q) City: Wayne (R) State: New Jersey (S) Zip Code: 07470
(T) Phone: 201/ 831-200 (U) County: BURGAN
(V) Type of Ownership: ☐ Federal ☐ Municipal ☒ Private
☐ State ☐ County
(W) Date of Inspection: 2/5/81 (X) Time of Inspection (From) 9³⁰ AM (To) 10⁴⁵ AM
(X) Weather conditions: Sunny - 15°

(1) Person(s) Interviewed

Title

Telephone

E.P. Stewart

Plant Superintendent

722-6671

(2) Inspection Participants

Title

Telephone

BRAD Benning

EPS I

345-9780

II. Description of Site Activity

(A) ☐ Generator (Form 2)

(B) ☐ Transporter (Form 3)

(C) ☐ Chemical, Physical
and Biological Treatment (Form 4)

(D) ☒ Storage (Form 5)

(E) ☐ Landfill (Form 6)

(F) ☐ Incineration (Form 7)

(G) ☐ Land Treatment (Form 8)

(H) ☐ Thermal Treatment (Form 7)

(I) Comments: Amec Cyanamid generated Vanadium Pentoxide (P120) as a waste catalyst. The process has been eliminated from the plant, and they are storing 40 Tons of the waste in a warehouse. The material is solid, in a pellet form. They are looking for company that can reclaim the material.

Supplemental forms (listed in parenthesis) must be completed for each activity inspected. Attach all Supplemental forms to this report.

Yes

No

Not
Inspected

See Remark
Number

(J) Has this facility
Submitted a Part A
Permit Application?

✓

11/16/90 b-

265 Subpart B

	Yes	No	Not Inspected	See Remarks Number
A) Has the Regional Administrator been notified regarding:				
1. Receipt of hazardous waste from a foreign source?	<u> </u>	<u> ✓ </u>	<u> </u>	<u> </u>
2. Transfer of Ownership?	<u> </u>	<u> ✓ </u>	<u> </u>	<u> </u>
B) General Waste Analysis:				
1. Has the owner ^{or} operator obtained a detailed chemical and physical analysis of the waste?	<u> ✓ </u>	<u> </u>	<u> </u>	<u> 1 </u>
2. Does the owner ^{or} operator have a detailed waste analysis plan on file at the facility?	<u> N/A </u>	<u> </u>	<u> </u>	<u> 1 </u>
3. Does the waste analysis plan specify procedures for inspection and analysis of each movement of hazardous waste from off-site?	<u> N/A </u>	<u> </u>	<u> </u>	<u> 1 </u>
C) Security - Do security measures include:				
1. 24-Hour Surveillance?	<u> </u>	<u> ✓ </u>	<u> </u>	<u> </u>
2. Artificial or Natural Barrier Around Facility?	<u> ✓ </u>	<u> </u>	<u> </u>	<u> </u>
3. Controlled Entry?	<u> ✓ </u>	<u> </u>	<u> </u>	<u> </u>
4. Danger Sign(s) at Entrance?	<u> ✓ </u>	<u> </u>	<u> </u>	<u> </u>
D) Do Owner ^{or} Operator Inspections Include:				
1. Records of Malfunctions?	<u> ✓ </u>	<u> </u>	<u> </u>	<u> </u>
2. Records of Operator Error?	<u> ✓ </u>	<u> </u>	<u> </u>	<u> </u>
3. Records of Discharges?	<u> ✓ </u>	<u> </u>	<u> </u>	<u> </u>
4. Inspection Schedule?	<u> ✓ </u>	<u> </u>	<u> </u>	<u> </u>
5. Safety, Emergency Equipment?	<u> ✓ </u>	<u> </u>	<u> </u>	<u> </u>
6. Security Devices?	<u> ✓ </u>	<u> </u>	<u> </u>	<u> </u>
7. Operating and Structural Devices?	<u> ✓ </u>	<u> </u>	<u> </u>	<u> </u>
8. Inspection Log?	<u> ✓ </u>	<u> </u>	<u> </u>	<u> </u>

① Composition of the waste is known, and no further analysis

Yes

No

Not Inspected

See Remark Number

(S) Do Personnel Training Records Include:

1. Job Titles?	_____	_____	<u>✓</u>	<u>2</u>
2. Description of Training?	_____	_____	<u>✓</u>	<u>2</u>
3. Records of Training?	_____	_____	<u>✓</u>	<u>2</u>
Is Personnel Training Completed within the Required Time Frame?	_____	_____	<u>✓</u>	<u>2</u>

(F) Are the Following Special Requirements for Ignitable, Reactive, or Incompatible Wastes Addressed?

② outside com. removed waste material spec. trained - Reactor Services Inc.

1. Special Handling?	<u>N/A</u>	_____	_____	<u>3</u>
2. No Smoking Signs?	<u>N/A</u>	_____	_____	<u>3</u>
3. Separation and Confinement?	<u>N/A</u>	_____	_____	<u>3</u>

③ No ignitable, reactive, incompatible, WASTES

IV. PREPAREDNESS AND PREVENTION

(A) Maintenance and Operation of Facility:

1. Is there any evidence of fire, Explosion, or release of hazardous waste or hazardous waste constituent?

_____	<u>✓</u>	_____	_____
-------	----------	-------	-------

(B) Does the Facility have the Following Equipment:

1. Alarm System?	<u>✓</u>	_____	_____
2. Telephone or 2-Way Radios?	<u>✓</u>	_____	_____
3. Portable fire extinguishers, fire control, spill control equipment and decontamination equipment?	<u>✓</u>	_____	_____

Indicate the volume of water and/or foam available for fire control:

Units: Hoses, Extinguishers - 200,000 gals
Wells, and city water.

	No.	Not Inspected	See Remark Number
(C) Testing and Maintenance of Emergency Equipment:			
1. Has the Owner or Operator established Testing and Maintenance Procedures for Emergency Equipment?	<u>✓</u>	<u> </u>	<u> </u>
2. Is Emergency Equipment Maintained in Operable Conditions?	<u>✓</u>	<u> </u>	<u> </u>
(D) Has Owner ^{or} Operator Provided Immediate Access to Internal Alarms (if needed)?	<u>N/A</u>	<u> </u>	<u> </u>
(E) Is there Adequate Aisle Space for Unobstructed Movement?	<u>✓</u>	<u> </u>	<u> </u>
(F) Are Arrangements with Local Authorities Included in the Operating Record?	<u>✓</u>	<u> </u>	<u> </u>

VI. CONTINGENCY PLAN AND EMERGENCY PROCEDURES

(A) Does the Contingency Plan contain the Following Information:			
1. The actions facility personnel must take to comply with §264.51 and 265.56 in response to fires, explosions, or any unplanned release of hazardous waste? (If the owner has a Spill Prevention, Control, and Counter-measures (SPCC) Plan, he needs only to amend that plan to incorporate hazardous waste management provisions that are sufficient to comply with the requirements of this Part.)	<u>✓</u>	<u> </u>	<u> </u>
2. Arrangements agreed to by local police departments, fire departments, hospitals, contractors, and State and local emergency response teams to coordinate emergency services pursuant to §264.37?	<u>N/A</u>	<u> </u>	<u>4</u>

④ Emergency Services not necessary for this waste
Should a spill occur.

	Yes	No	Not Inspected	See Remark Number
--	-----	----	---------------	-------------------

3. Names, addresses, and phone numbers (office and home) of all persons qualified to act as emergency coordinators?

✓

4. A list of all emergency equipment at the facility which includes the location and physical description of each item on the list and a brief outline of its capabilities?

✓

5. An evacuation plan for facility personnel where there is a possibility that evacuation could be necessary? (This plan must describe signal(s) to be used to begin evacuation, evacuation routes, and alternate evacuation routes.)

✓

(B) Are copies of Contingency Plan Available at Site and local Emergency Organizations?

N/A

4

(C) Emergency Coordinator

1. Is the facility Emergency Coordinator identified?

✓

2. Is Coordinator Familiar with all aspects of site operation and emergency procedures?

✓

3. Does the Emergency Coordinator have the authority to carry out the Contingency Plan?

✓

(D) Emergency Procedures

If an Emergency Situation has occurred at this facility, has the Emergency Coordinator followed the Emergency procedures listed in 216.60?

N/A

VII. THE TEST SITE, RECORD KEEPING, AND LOGGING

	Yes	No	Not Inspected	See Remark Number
(A) Use of Manifest System				
1. Does the facility follow the procedures listed in §255.71 for processing each Manifest?	<u>✓</u>	<u> </u>	<u> </u>	<u> </u>
2. Are records of past shipments retained for 3 years?	<u>✓</u>	<u> </u>	<u> </u>	<u> </u>
(B) Does the owner or operator meet requirements regarding Manifest Discrepancies?				
	<u>✓</u>	<u> </u>	<u> </u>	<u> </u>
(C) Operating Record				
Does the facility maintain an operating record at the site as required in §255.73?	<u>✓</u>	<u> </u>	<u> </u>	<u> </u>
(D) Availability, Retention and Disposition of Records				
Are all records available at the site for inspection as required in §255.74?	<u>✓</u>	<u> </u>	<u> </u>	<u> </u>

VIII. CLOSURE AND POST CLOSURE

(A) Closure and Post Closure				
1. Closure Plan Available for Inspection by May 19, 1981?	<u>N/A</u>	<u> </u>	<u> </u>	<u>5</u>
2. Has this plan been submitted to the Regional Administrator?	<u>N/A</u>	<u> </u>	<u> </u>	<u>5</u>
3. Has Closure begun?	<u> </u>	<u>✓</u>	<u> </u>	<u> </u>
4. Is closure cost estimate available by May 19, 1981?	<u>N/A</u>	<u> </u>	<u> </u>	<u>5</u>
(B) Post Closure Care and Use of Property				
- Has the Owner/Operator supplied a Post Closure Monitoring Plan (by May 19, 1981)?	<u>N/A</u>	<u> </u>	<u> </u>	<u> </u>

⑤ The HAZ WASTE will be removed within 4-6 months, Company will no longer generate any haz. waste after that time.

RECEIVED

IL0005178850
EPA IDENTIFICATION NUMBER

MAR 05 1981

RCRA INSPECTION REPORT - INTERIM STATUS STANDARDS SUPPLEMENTAL FORM 5 FOR STORAGE FACILITY INSPECTIONS

E.P.A. — D.L.P.C.
STATE OF ILLINOIS

I. General Information

(A) Facility Name: AMERICAN CYANAMID COMPANY
(B) Street: 1306 MCKINLEY AVE
(C) City: Joliet (D) State: ILL. (E) ZIP Code 60436
(F) Date of Inspection: 2-5-81

II. Storage Facility Standards (Part 265)

A. Facilities which store containers of hazardous waste (Subpart I)

	YES	NO	NOT IN-SPECTED	REMARK #
1. Are containers in good condition?	✓			
2. Are containers compatible with waste in them?	✓			
3. Are containers stored closed?	✓			
4. Are containers managed to prevent leaks?	✓			
5. Are containers inspected weekly for leaks and defects?	✓			
6. Are ignitable & reactive wastes stored at least 15 meters (50 feet) from the facility property line?	N/A			3
7. Are incompatible wastes stored in separate containers? (If not, the provisions of 40 CFR 265.17(b) apply.)	N/A			3
8. Are containers of incompatible wastes separated or protected from each other physical barriers or sufficient distance?	N/A			3

B. Facilities which store hazardous waste in tanks (Subpart 1) NONE

1. Are tanks used to store only those wastes which will not cause corrosion, leakage or premature failure of the tank?				
2. Do uncovered tanks have at least 60 cm (2 feet) of freeboard, or dikes or other containment structures?				

Continued on next page

③ No ignitable, reactive, incompatible waste

	YES	NO	NOT INSPECTED	REMARK #
3. Do continuous feed systems have a waste-feed cutoff?				
4. Are waste analyses done before the tanks are used to store a substantially different waste than before?				
5. Are required daily and weekly inspections done?				
6. Are reactive & ignitable wastes in tanks protected or rendered non-reactive or non-ignitable? (If waste is rendered non-reactive or non-ignitable, see treatment requirements.)				
7. Are incompatible wastes stored in separate tanks? (If not, the provisions of 40 CFR 265.17(b) apply.)				

C. Facilities which store hazardous waste in surface impoundments (Subpart K) *None*

1. Do surface impoundments have at least 60 cm (2 feet) of freeboard?				
2. Do earthen dikes have protective cover?				
3. Are waste analyses done when the impoundment is used to store a substantially different waste than before?				
4. Is the freeboard level inspected at least daily?				
5. Are the dikes inspected weekly for evidence of leaks or deterioration?				
6. Are reactive & ignitable wastes rendered non-reactive or non-ignitable before storage in a surface impoundment? (If waste is rendered non-reactive or non-ignitable, see treatment requirements.)				
7. Are incompatible wastes stored in different impoundments? (If not, the provisions of 40 CFR 265.17(b) apply.)				

D. Facilities which store hazardous waste in waste piles (Subpart L) *None*

1. Are waste piles covered or protected from the wind?				
2. Is each in-coming movement of waste analyzed before being added to the waste pile?				
3. Are leachate, run-off, and run-on controlled? (The effective date of this provision is Nov. 19, 1980.)				
4. Are reactive & ignitable wastes rendered non-reactive or non-ignitable before storage in a pile? (If waste is rendered non-reactive or non-ignitable, see treatment requirements.)				

Continued on next page

	FS	NO	NOT INSPECTED	REMARK #
5. Are piles of reactive or ignitable waste protected?				
6. Are incompatible wastes stored in different piles? (If not, the provisions of 40 CFR 265.17(b) apply.)				
7. Are piles of incompatible waste protected by barriers or distance from other waste?				

P 33052

Waste #	EPA HAZARD. WASTE #	Estimated Quantity or Rate (of TSD)	Units of Measure	Process Codes for handling of the waste	Additional Waste Description (if any)
1	P 1.20	40	T	S01	Solid, pelletized material stored in Fiber drums
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					

L P C F C O 5 5 C
(1) (8) (9)OBSERVATION REPORT - SITE INVENTORY NO. 127P0103
(11) (18)

CO. - L.P.C.

Region #

Date 1-1-79
(20) (25)Letter Sent (Yes or No)
(26)

Weather 15° Sunny

Inspector
(27) (29)

(Location) (Responsible Party)
Samples Taken: Yes () No () Time: From 1:00 p.m.
Ground Water () Surface () Other () To 1:00 p.m.
Photos Taken: Yes () No () Interviewed

Previous Inspection - Previous Correspondence -

Site Open: Yes () No ()

OPERATIONAL STATUS:

TYPE OF OPERATION:

AUTHORIZATION:

Operating ()	Landfill ()	Storage ()	E.P.A. Permit ()
Temporarily Closed ()	Random Dump ()	Salvage ()	Variance ()
Closed Not Covered ()	Other ()	A.C.D. ()	21(e) ()
Closed and Covered ()	Quantity Received Daily (1-6)	(30)	Board Order ()
			Illegal (5) ()

RECEIVED
MAR 05 1981
LPC 4 1/79 5,000

IMPROVED

SAME

DETERIORATED

E.P.A. - D.L.P.C.
STATE OF ILLINOISI S or D
(62)

GENERAL REMARKS: *Inspection conducted on 1/1/79. The site was found to be in good condition. No significant changes were noted. The site is well maintained and the surrounding area is clean. The site is well maintained and the surrounding area is clean.*

INTERVIEW: *Interviewed with the owner of the site. The owner stated that the site has been in operation since 1975. The site is well maintained and the surrounding area is clean. The site is well maintained and the surrounding area is clean.*

DIAGRAM:

